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partners

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A newsletter for faculty, staff, students, alumni, donors, industry and friends of the Center of Excellence for Poultry Science, a part of the University of Arkansas Division of Agriculture.

University of Arkansas poultry science department nets over \$17,000 for scholarships with golf tournament



SPRINGDALE, Ark. – Forty teams netted just over \$17,000 for scholarships during the 10th Annual University of Arkansas Poultry Science Scholarship Golf Tournament April 20 at the Springdale Country Club.

The format for the tournament was a four-person scramble with a shotgun start. An awards presentation was held in the clubhouse immediately following conclusion of play for each flight.

First place winners in the morning flight were Ron Stafford, Les Lyons, Jeff Banks and Russell Mayo. Second place winners were Troy Loula, Brian Esters, Chad Owens and Michael Williams. Third place winners were Bob Rochelle, Jamie Statler, Steve Dixon and Mark Penzo.

First place winners in the afternoon flight were Greg Flowers,

Rance Looney, Pat Dixon and Lavan Stane. Second place winners were Chad Lawrence, Tommy Basham, Jason Fields and Scott Farmer. Third place winners were James Bolinger, Kenny Thomas, Ken Davis and Herb McConnell.

The major sponsor for the tournament was Cobb-Vantress, Inc. who provided funding for both a hole sponsorship and a flight sponsorship. George's, Inc. provided all the chicken for lunch, Arkansas Farm Bureau donated balls, tees and towels for each participant, Harp's Food Stores, Inc., donated snacks and InTents donated the use of two hospitality tents to use on the golf course.



Poultry Science students Katie Evans of Ft. Worth, TX (left) and Emily Lhamon of Lima, OH.

The following companies and individuals also donated to the tournament: John Tyson, Chairman of the Board of Tyson Foods, Inc., Jim Gaston, Gaston's White River Resort, Copeland's of New Orleans, Coach John Pelphrey, Coach Bobby Petrino,

Coach Dave VanHorn & Coach Todd Butler, Clarion Inn, Holiday Inn, Embassy Suites, Penguin Ed's, Phibro, Rick Zimmerman, Countryside John Deere, Harps, Sweptco, Rex Thompson, Arkansas Alumni Association, Roderick Rowser, J & D Lawn Care, American Feed Industry Association, and Merial.

Since the poultry tournament started 10 years ago, over \$160,000.00 has been raised through this event for scholarships in the department.

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Calendar of Events

June 11-12

51st Annual Poultry Festival
Rogers, Arkansas

June 22-25

14th Annual Poultry Science
Youth Conference
Center of Excellence for
Poultry Science (CEPS)

July 1

PSGA Summer Symposium
Leland Tollett Auditorium, CEPS

July 11-15

2010 Poultry Science Association
Joint Annual Mtg.
Denver, CO

September 7-9 (tentative)

Arkansas Nutrition Conference

September 20-24

Advanced Culinary Arts for Food
Technologists
CEPS

September 21-23

Poultry 101
CEPS

Partners is published for faculty, staff, students, alumni and friends of the Center of Excellence for Poultry Science (CEPS), the University of Arkansas system's Division of Agriculture and the Dale Bumpers College of Agricultural, Food and Life Sciences, UA-Fayetteville.

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Michael Kidd appointed Director of the Center of Excellence for Poultry Science and Head of the Department of Poultry Science



Dr. Kidd helps out with the snack cart during the poultry science department golf tournament April 20

LITTLE ROCK, Ark. - In January, Milo J. Shult, University of Arkansas System Vice President for Agriculture and Sharon L. Gaber, University of Arkansas Provost, announced that Michael T. Kidd was appointed Director of the Center of Excellence for Poultry Science and Head of the Department of Poultry Science. Kidd was head of the poultry science department at Mississippi State University prior to starting his position here on January 25.

The Center is a multidisciplinary unit of the statewide University of Arkansas Division of Agriculture. As center director, Kidd provides leadership for multidisciplinary research and extension programs in poultry science and related disciplines. As department head, he is responsible for academic programs in poultry science within Dale Bumpers College of Agricultural, Food and Life Sciences.

Shult said, "I am confident that under Dr. Kidd's leadership, the Center of Excellence for Poultry Science and department of poultry science will continue to provide world-class research, teaching and extension programs."

A native of El Dorado, Kidd has bachelor's and master's degrees from the University of Arkansas in poultry science. His doctorate is from North Carolina State University, with a major concentration in nutrition and a minor in immunology.

After receiving his doctorate in 1994,

Kidd became research manager at Nutri-Quest, Inc., in Chesterfield, Mo. He was promoted to research director in 1998 at Nutri-Quest. Kidd joined the Mississippi State faculty in 1999 and had headed the poultry science department there since 2007.

Kidd said, "The Center of Excellence for Poultry Science is uniquely positioned to provide multidisciplinary research efforts for both short and long term needs. The poultry science department's academic program is also key to serving Arkansas by providing future poultry industry and academic leaders. I look forward to leading the center and department and serving the state's largest agricultural commodity through the land-grant missions of teaching, research and extension."



Poultry Science Club president Kristin Byrne presents Dr. Kidd with a "welcome" from the Club, a photograph of the 2009-2010 members.

Bumpers College honors outstanding students

FAYETTEVILLE, Ark. – Dale Bumpers College of Agricultural, Food and Life Sciences presented student awards for academic achievement at its Honors and Awards Banquet on Thursday, April 22, in the Arkansas Union's Alltel Ballroom.

Poultry Science students who were selected by the faculty and received recognition at the banquet included Christopher Scott Scarborough, Outstanding Senior; Valerie Belle Brewer, M.S.; and Ixchel Reyes-Herrera, Ph.D.

The DBCAFLS Alumni Society sponsors two Ring Scholar awards. This year junior Poultry Science major Kaitlin Michelle Mitchell was one of the recipients. She is majoring in Poultry Science with minors in Animal Science and Agricultural Business. Mitchell is a Bumpers College Ambassador and will serve as the Senior Ambassador her senior year. She is a member of Sigma Alpha agricultural sorority, Alpha Zeta and the Poultry Science Club.



Christopher Scott Scarborough accepts his award for Poultry Science Outstanding Senior



Ixchel Reyes-Herrera accepts her award for Poultry Science Outstanding Ph.D. student



Valerie Belle Brewer was the recipient of the Poultry Science Outstanding M.S. student



Poultry Science junior Kaitlin Mitchell was one of two DBCAFLS Alumni Society Ring Scholar recipients



Dr. John Marcy, right, Poultry Processing Specialist, received a certificate and a pin from Dr. Dustan Clark, Extension Poultry Health Veterinarian, to commemorate 15 years of service with Arkansas Cooperative Extension.

Join the Poultry Science Alumni Organization today!

For more information, contact Diana Bisbee, 479-575-2025 or dbisbee@uark.edu

If you are already a member, encourage other Poultry Science alumni to join today!

Poultry Science students named Dale Bumpers College Ambassadors for 2010-2011



Poultry Science major Kaitlin Mitchell (r) is a Bumpers College Ambassador and will serve as the Senior Ambassador for 2010-2011

FAYETTEVILLE, Ark. - Ambassadors for the Dale Bumpers College of Agricultural, Food and Life Sciences work with both on-campus and off-campus recruiting activities. As representatives of the College, they

portray to prospective students, parents, and alumni the philosophy and benefits of enrollment in the Dale Bumpers College of Agricultural, Food and Life Sciences at the University of Arkansas. Student ambassadors co-host activities with college student organizations and with the College Dean's office. They also receive a stipend for the academic year of their appointment.

Poultry Science is proud to have three of its students serving as Ambassadors for 2010-2011. Kaitlin Michelle Mitchell is a returning Ambassador and will serve as the Senior Ambassador. She is majoring in Poultry Science with minors in Animal Science and Agricultural Business. Cody Gallagher and Mike Norton, both Sophomores in 2010-2011, are new Ambassadors. Gallagher is a Poultry Science major with a minor in Agricultural Business. Norton is a Poultry Science major with a minor in Food Science.

Division of Agriculture Awards Kuenzel Outstanding Research Award



Dr. Wayne Kuenzel, center, receives the Outstanding Research Award from Dr. Mark Cochran, left, and Dr. Milo Shult.

LITTLE ROCK, Ark. - The University of Arkansas Division of Agriculture recognized outstanding performance by faculty and staff members at an awards luncheon January 8.

The John W. White Outstanding Research Award was presented to Wayne Kuenzel, professor of poultry science. One of the world's most recognized authorities on the neurobiology of poultry, he is co-author of a book on the brain of the chicken published by John Hopkins University Press. He has been a leader in addressing animal well-being issues with poultry.

Clark among agricultural scientists training National Guard Ag Development Team members



Dr. Dustan Clark teaches members of the Arkansas National Guard's Agricultural Development Team.

FAYETTEVILLE, Ark. - Members of the Arkansas National Guard's Agricultural Development Team, scheduled for deployment to Afghanistan in the spring of 2010, received training from University of Arkansas Division of Agriculture and Bumpers College animal science, poultry science and entomology faculty members January 25-26 at the Pauline Whitaker Animal Science Center and the Leland Tollett Veterinary Diagnostic Laboratory.

Among the instructors, all veterinarians, was Dr. Dustan Clark, Cooperative Extension Service poultry veterinarian. Other instructors included Dr. Jeremy Powell, associate professor of animal science; and Dr. Steve Breeding, director of the Leland Tollett Veterinary Diagnostic Laboratory.

The training included classroom instruction and hands-on work with animals and with carcasses to learn about anatomy and post-mortem diagnosis.

The national guard team is made up of volunteers from Army and Air Force

National Guard units across the state.

The intensive veterinary training was for four team members who will serve as animal health experts. While working in Afghanistan, team members will be able to consult with Division of Agriculture scientists via the internet, Clark said.

Team member Lt. Col. David Sheely said the teams will augment Provincial Reconstruction Teams with information and farming expertise. The mission focuses on developing or improving current farming practices, managing soil and water natural resources and developing post-harvest industries for the products in order to renew a long-term, profitable and sustainable agricultural economy in Afghanistan, he said.

ADT teams are also being fielded from California, Indiana, Kansas, Kentucky, Missouri, Nebraska, Oklahoma, Tennessee and Texas.

The volunteer teams bring experience in row crop farming, irrigation, cattle and poultry production, soil science and agricultural education.

The Guardsmen also attended a beekeeping short course taught by Jon Zawislak, extension apiculture specialist, and Ed Levi, an apiary inspector from the Arkansas State Plant Board. The course included instruction on honey bee management, setting up new apiaries and accessing additional information about conditions and challenges to beekeeping in that art of the world.

In July 2009, poultry scientists, led by Dr. Clark, provided a week of poultry production basics instruction to another National Guard ADT headed to Afghanistan.

Newly formed Industry Advisory Board Meets

by Dr. Mike Kidd



Dr. Annie Donoghue, USDA-ARS Research Leader, gives a presentation to the industry representatives.

FAYETTEVILLE, Ark. - On March 29th and 30th industry representatives from Aviagen, Butterball, Cal-Maine Foods, Cargill, Cobb-Vantress, Del Mesa Farms, Hubbard, Keith-Smith Company, O.K. Industries, Simmons Foods, Tyson Foods, and Wayne Farms met at the Center of Excellence for Poultry Science. The two day venue consisted of an in-depth discussion and learning session on the Poultry Science Centers' strengths and weaknesses with regards to research and extension programs. Poultry Science programmatic area presentations on genetics, health, metabolic disease physiology, nutrition, processed products/safety, and poultry production were given by Drs. Anthony, Clark, Wideman, Waldroup, Marcy, and Watkins, respectively. This venue provided industry representatives a look at where center research and extension programs had been, and then industry representatives were requested to provide feedback on the future direction of center programs.

The event included tours of the poultry center, poultry farm, processing plant, and feed mill. The evening of day one faculty and industry representatives enjoyed a reception together hosted by The Poultry Federation. The morning of day two began with an omelet breakfast hosted by Poultry Science staff and prepared by undergraduate students.

This type of forum will be one of many. We are currently planning a similar venue to discuss undergraduate teaching. The dynamic nature of the poultry industry necessitates constant change, as such our programs must stay in check with industry change so our curriculum is current and our research and extension programs are relevant.



Josh Teague was the recipient of the Poultry Science Alumni Group Ring Award. This award is given to an outstanding Poultry Science graduating senior. Poultry Science Alumni Group President Doug McCloud presented the award during the Poultry Science Club banquet on April 27.



Salmonella Diagnostic Workshop, Center of Excellence for Poultry Science, May 18-21, 2010

Speakers Highlight Poultry Science Club Meetings

FAYETTEVILLE, Ark. - The Poultry Science Club is fortunate to have many friends in the industry who are willing to take time out of their busy schedules to speak to the club members at their monthly meetings.

This Spring was busy with the February meeting featuring Russell Tooley from Tyson Foods, Inc., Laura Kendrick from Cobb-Vantress, Inc. spoke at the March meeting and Veronica Hancock of Simmons Foods was the featured speaker in April.

Speakers have provided useful information to the students on their company's histories, what their company looks for in a job applicant, internship opportunities and tips on how to advance in their careers.



Above: Laura Kendrick, front row, left, Cobb-Vantress; Right: Russell Tooley, Tyson Foods, Inc.



Gary Davis, undergraduate recruiter, and Julie Wilcox, senior poultry science major, lent their expertise to Alpena High School when they helped to judge Alpena's annual science fair. Faculty from the poultry science department frequently mentor students from Alpena on their science projects. The Alpena traveling team chosen at the fair has won 110 awards in regional and state competition this year and set an Alpena team record with a 32 award performance at the Arkansas State Science Fair and Junior Academy of Science competitions. Alpena also had 23 students qualify for the Arkansas FFA State Agriscience Fair.



Poultry Science majors (l to r) Kristen Byrne, Laura Frank, Whitney Tollett and Kaylee Rowland attended the 26th Annual International Animal Health and Nutrition Symposium, May 16-19, in Lexington, Kentucky. The 2010 Symposium marked Alltech's 30th Anniversary and the theme, "Bounce Back 2010," focused on the factors crucial to a company's survival. Delegates at the 2010 Symposium explored sustainable corporate strategy platforms and frameworks for the agricultural industry, such as the importance of branding our companies and our good industry practices.



Dr. Mike Kidd, left, accepts a check for \$1500.00 for the Hubbard Scholarship from Gary Warren, Southwest Territory Manager for Hubbard Farms. The check was presented in January 2010 during the International Poultry Expo in Atlanta.

Class project exposes students to all aspects of poultry production



Poultry Science students (l to r) Spencer Tooley, Phillip Green, Hunter Smith and Megan Hamilton sort and place web identification marks on newly hatched chicks as part of their class project in the Introduction to Poultry Production Management class. The project, which counted for 20% of the student's grade, required each group to use the hatchery facility to incubate the eggs for 21 days and then hatch them. The chicks were vaccinated for Marek's Disease, weighed and divided into 50 birds for each group. The students were responsible for all care of the birds, including weekends, for 42 days. The birds were then processed by the students. Thank you to George's Inc. for donating the eggs for this project.



LEFT: John Marcy's five day Culinary Arts Fundamentals for Food Technologists course was held May 10-14 and those attending included representatives from Wendy's, Simmons, Schwans and the University of Arkansas.

RIGHT: Jon Moyle, poultry science graduate student, spent two weeks in Africa in May as a volunteer for Winrock International (part of US Aide) helping rural farmers increase poultry production.

FACULTY NOTABLES

Drs. Alexander Jurkevic and Wayne Kuenzel (Poultry Science) from Division of Agriculture and Dr. Suresh Kumar (Chemistry and Biochemistry) from J.W. Fulbright College of Arts and Sciences, University of Arkansas, Fayetteville (UAF), and Drs. Marina Mikhailova and Larry Cornett from University of Arkansas for Medical Sciences (UAMS) in Little Rock received a collaborative research grant from the National Science Foundation (NSF). The Division and UAF campus received \$291,910 while the UAMS campus received \$233,001. Dr. Jurkevic is the overall Principal Investigator for the project. The title of the project is "Central neuroplasticity of the avian vasotocinergic system during stress" and is funded for three years.

Susan Watkins has been promoted to full professor.

Keith Bramwell gave an invited presentation in Abbotsville (Vancouver) British Columbia in November 2009.

In December 2009 **Keith Bramwell** spent three weeks in the Philippines conducting workshops and hands-on field trainings.

Casey Owens was an invited speaker at the Poultry 101 Training by Cryovac in Atlanta, GA January 25, 2010.

Gisela Erf gave an invited presentation at UC Davis on February 22 on dissecting complex diseases using the Smyth line chicken model for autoimmune vitiligo.

Keith Bramwell gave an invited presentation in March at the MacFarlane Pheasant management workshop held in Jane, Wisconsin.

Casey Owens was an invited speaker at the Midwest Poultry Federation Convention March 17, 2010 in St. Paul, MN where she

spoke on "Stunning Methods in Turkey Processing."

Susan Watkins spoke at the Annual Spring Symposium, April 20-21, sponsored by The Poultry Federation, The Poultry Improvement Committee and the Center of Excellence for Poultry Science.

Gisela Erf gave an invited presentation to Poultry Veterinarians on the avian immune system at the Live Production Symposium held at Whitaker Arena on April 20.

Keith Bramwell spoke at five classroom workshops and assisted with five field visits in April in several Asian countries. Workshops were held in Yantai China, Beijing China, Manila Philippines, and Jakarta Indonesia.

Gisela Erf received a Faculty Gold Medal Award at the student research awards banquet on April 26, 2010. Erf was one of five members of the University of Arkansas faculty honored for their work mentoring undergraduate students.

Keith Bramwell gave an invited presentation at the Annual Spring Symposium in Springdale, Arkansas in April.

Keith Bramwell was the superintendent at the May 1 spring poultry show in Little Rock, Arkansas.

Susan Watkins was an invited speaker at the Cobb-Vantress International Technical School on May 17.

Dr. Park Waldroup presented "Advances in Environmental Nutrition" at the Multi-State Poultry Feeding and Nutrition Conference 2010 which took place May 25-27 in Indianapolis, Indiana.

Dr. Steven C. Ricke gave the following talks: "Salmonella: Ecology and Pathogenesis" Arkansas State University, Arkansas Biosciences Institute Bldg, Jonesboro, AR,

Oct. 5, 2009; "Salmonella Pathogenesis, Genetics and Physiology" 2009 Kemin's 5th Annual Petfood Symposium – Food safety in Petfoods and Petfood Ingredients, Renaissance Grand & Suites Hotel, St. Louis, MO, Oct. 7, 2009; "Frequency and Characteristics of Foodborne Pathogens in Free-Range and Organic Poultry" Retail Food Safety – A Catalyst for Change, Arkansas Association for Food Protection, Tyson Food Headquarters, Springdale, AR, Oct. 9, 2009; "Issues and Future Direction for Food Safety Research in Food Animals" Dept. of Biological Engineering, Massachusetts Institute of Technology, Cambridge, MA, Apr. 19, 2010.

Dr. Steven C. Ricke and Poultry Science Department Emeritus Professor **Dr. Frank T. Jones** have co-edited a new book published by University of Arkansas Press: "Perspectives on Food-Safety Issues of Animal-Derived Foods."

STUDENT NOTABLES

Kristin Byrne, an Honors student of Dr. Gisela Erf, received a state Student Undergraduate Research Fellowship award for a research project she is planning in the upcoming year.

Fengying Shi, Lei Dong and Nadezda Stepicheva, all Ph.D. students, presented their work on autoimmune disease in Smyth line chickens at the 97th meeting of the American Association of Immunologists in Baltimore.